

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5205688" "5246323").PN.	US-PGPUB; USPAT	OR	ON	2005/10/05 19:10
S2	1	10/790217	US-PGPUB; USPAT	OR	ON	2005/10/04 19:26
S3	81983	rivet	US-PGPUB; USPAT	OR	ON	2005/10/05 07:56
S4	40217	(411/\$6).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/05 07:56
S5	1670	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/05 07:56
S6	474	(411/80.1,80.2,80.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 18:07
S7	12	(US-5205688-\$ or US-5246323-\$ or US-6679662-\$ or US-5476350-\$ or US-4840523-\$ or US-3921496-\$ or US-3832931-\$ or US-3522756-\$ or US-1234487-\$).did. or (GB-2001148-\$ or GB-2051995-\$ or WO-7900847-\$).did.	USPAT; EPO	OR	ON	2005/10/05 19:24
S8	17	("2018251"   "3888156"   "3937122"   "4642009"   "4789285").PN. OR ("5205688").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/05 19:24
S10	25	("2918841"   "3316796"   "3935786"   "3942407"   "4007659"   "4617692"   "4875815"   "4984946"   "5183357").PN. OR ("5246323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/05 19:31
S11	7	("1499072"   "1751818"   "3187620"   "5205688").PN. OR ("6679662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/05 19:33

## EAST Search History

S12	100	("5240353" "4607472" "5282340" "4445812" "4930963" "5176678" "5540718" "5575122" "5626612" "5653563" "5782863" "5871503" "5879372" "5989253" "6146408" "6435789" "4388031" "4890867" "4906149" "4968248" "4456409" "4502826" "4598511" "4801276" "4946314" "4978265" "5339581" "5584836" "5653557" "5707395" "5814070" "6312364" "4432684" "5941882" "5993128" "6002969" "6045573" "4936861" "4799307" "4928451" "5383932" "5788398" "6068648" "6182745" "5474317" "4842518" "4915628" "4932868" "5024548" "5199873").pn. ("5628766" "5743912" RE35784 "5868749" "5921035" "5968047" "6048204" "4285264" "4322194" "4326628" "4350464" "4473268" "4604846" "4632100" "4759714" "4787848" "4788781" "4790081" "4833846" "4893974" "4927421" "4932816" "4951402" "4981000" "4996806" "4997316" "5002111" "5002445" "5017067" "5184862" "5195891" "5263804" "5269488" "5333905" "5338197" "5356413" "5358274" "5372599" "5393179" RE34871 "5405111" "5427526" "5427527" "5458601" "5487744" "5505735" "5522843" "5571104" "5573537" "5603616").pn.	US-PGPUB; USPAT	OR	ON	2005/10/05 19:33
S13	20	(US-3942407-\$ or US-1234487-\$ or US-5205688-\$ or US-5246323-\$ or US-1751818-\$ or US-3921496-\$ or US-2918841-\$ or US-6164884-\$ or US-3832931-\$ or US-5690454-\$ or US-5725341-\$ or US-5380135-\$ or US-5476350-\$ or US-6679662-\$ or US-3522756-\$ or US-4840523-\$). did. or (US-2918841-\$).did. or (WO-7900847-\$ or GB-2051995-\$ or GB-2001148-\$).did.	USPAT; USOCR; EPO	OR	ON	2006/05/01 17:29
S14	1	10/821860	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 17:41
S15	7	("1499072"   "1751818"   "3187620"   "5205688").PN. OR ("6679662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 18:41

## EAST Search History

S16	25	("2918841"   "3316796"   "3935786"   "3942407"   "4007659"   "4617692"   "4875815"   "4984946"   "5183357").PN. OR ("5246323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:34
S17	9	("2918841").URPN.	USPAT	OR	ON	2006/05/01 21:31
S18	30	("1929743"   "2236079"   "2513193"   "2525736"   "2753610"   "2918841"   "3009747"   "3257889").PN. OR ("3942407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:34
S19	25	("3316796").URPN.	USPAT	OR	ON	2006/05/01 21:34
S20	7	("1499072"   "1751818"   "3187620"   "5205688").PN. OR ("6679662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:35
S21	18	("4185438"   "4263832"   "4425065"   "4659269"   "4830558"   "5007780"   "5044852"   "5205688"   "5207750"   "5339593").PN. OR ("5725341").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:36
S22	25	("2018251"   "2148977"   "3316796"   "3385156"   "3453927"   "4642009"   "4875815"   "4920618"   "5205688"   "5380135").PN. OR ("5690454").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:36
S23	5	("4789285"   "5205688"   "5312215").PN. OR ("5380135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:36
S24	25	("2918841"   "3316796"   "3935786"   "3942407"   "4007659"   "4617692"   "4875815"   "4984946"   "5183357").PN. OR ("5246323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:36
S25	17	("2018251"   "3888156"   "3937122"   "4642009"   "4789285").PN. OR ("5205688").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:37
S26	28	("2968207"   "3832931"   "4312614"   "4637765"   "4674930").PN. OR ("4840523").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:37
S27	30	("1929743"   "2236079"   "2513193"   "2525736"   "2753610"   "2918841"   "3009747"   "3257889").PN. OR ("3942407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:37

## EAST Search History

S28	29	("1168770"   "1434806"   "1922120"   "3022701"   "3199398"   "3461772"   "3668968"   "3832931").PN. OR ("3921496").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:37
S29	22	("1234487"   "2616328"   "3188905"   "3385158").PN. OR ("3832931").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 21:38
S30	9	("2918841").URPN.	USPAT	OR	ON	2006/05/01 21:38
S31	5	("1751818").URPN.	USPAT	OR	ON	2006/05/01 21:38
S32	3	("1234487").URPN.	USPAT	OR	ON	2006/05/01 21:38
S33	9	("2918841").URPN.	USPAT	OR	ON	2006/05/01 21:39
S34	183	S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S32 S33	USPAT	OR	ON	2006/05/01 22:13
S35	154981	(anchor or anchoring or anchored or insert or expand\$5 near5 (nut or fastener or plug) or expans\$5 near5 (nut or fastener or plug)) with (slot\$3 or slit\$3 or groov\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/01 23:36
S36	1	itw near3 construction.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/01 22:27
S37	10289	(anchor or anchoring or anchored or insert or expand\$5 near5 (nut or fastener or plug) or expans\$5 near5 (nut or fastener or plug)) with (slot\$3 or slit\$3 or groov\$3) near5 (longitudinal or lengthwise or axial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/01 23:37
S38	2285	(anchor or anchoring or anchored or insert or nut or fastener or plug) with (expand\$5 or expans\$5) same (slot\$3 or slit\$3) near5 (longitudinal or lengthwise or axial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/01 23:38
S39	867	(anchor or anchoring or anchored or insert or nut or fastener or plug) with (expand\$5 or expans\$5) with (slot\$3 or slit\$3) near5 (longitudinal or lengthwise or axial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 15:05
S40	478	(411/80.1,80.2,80.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/01 23:39

## EAST Search History

S41	711	(411/80.1,80.2,80.5,36,48,41). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 18:07
S42	36	S39 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 23:40
S43	31	S42 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/01 23:40
S44	0	("2003/0012618").URPN.	USPAT	OR	ON	2006/05/01 23:44
S45	26	(US-20030012618-\$).did. or (US-5205688-\$ or US-5246323-\$ or US-4840523-\$ or US-3921496-\$ or US-5476350-\$ or US-6679662-\$ or US-3832931-\$ or US-3522756-\$ or US-1751818-\$ or US-1234487-\$ or US-6164884-\$ or US-5690454-\$ or US-5380135-\$ or US-6896460-\$ or US-2918841-\$ or US-3942407-\$ or US-3316796-\$ or US-5725341-\$ or US-3802059-\$ or US-4269106-\$ or US-5702215-\$).did. or (US-2918841-\$).did. or (GB-2051995-\$ or WO-7900847-\$ or GB-2001148-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/03 16:16
S46	0	("2003/0012618").URPN.	USPAT	OR	ON	2006/08/31 17:35
S47	0	("2003/0012618").URPN.	USPAT	OR	ON	2006/08/31 17:36
S48	30	("1168770"   "1434806"   "1922120"   "3022701"   "3199398"   "3461772"   "3668968"   "3832931").PN. OR ("3921496"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 17:43
S49	31	("1929743"   "2236079"   "2513193"   "2525736"   "2753610"   "2918841"   "3009747"   "3257889").PN. OR ("3942407"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 17:48
S50	25	("2918841"   "3316796"   "3935786"   "3942407"   "4007659"   "4617692"   "4875815"   "4984946"   "5183357").PN. OR ("5246323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 17:52

## EAST Search History

S51	26	(US-20030012618-\$).did. or (US-6679662-\$ or US-4840523-\$ or US-3832931-\$ or US-3522756-\$ or US-3921496-\$ or US-1234487-\$ or US-1751818-\$ or US-6164884-\$ or US-5690454-\$ or US-5380135-\$ or US-6896460-\$ or US-3942407-\$ or US-3316796-\$ or US-2918841-\$ or US-5725341-\$ or US-3802059-\$ or US-4269106-\$ or US-5246323-\$ or US-5205688-\$ or US-5702215-\$ or US-5476350-\$).did. or (US-2918841-\$).did. or (GB-2051995-\$ or WO-7900847-\$ or GB-2001148-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/31 17:53
S52	102	S48 S49 S50 S51	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/31 17:54
S53	6	S52 and serrat\$5	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/31 17:54
S54	26	(US-20030012618-\$).did. or (US-3802059-\$ or US-1234487-\$ or US-1751818-\$ or US-3522756-\$ or US-4840523-\$ or US-5205688-\$ or US-5380135-\$ or US-5476350-\$ or US-5690454-\$ or US-5702215-\$ or US-5725341-\$ or US-6164884-\$ or US-6679662-\$ or US-3316796-\$ or US-3942407-\$ or US-6896460-\$ or US-2918841-\$ or US-4269106-\$ or US-5246323-\$ or US-3832931-\$ or US-3921496-\$).did. or (US-2918841-\$).did. or (GB-2051995-\$ or GB-2001148-\$ or WO-7900847-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/15 15:16
S55	1	10/909212	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/12 19:07
S56	0	memezes.xa.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/12 19:07
S57	10	menezes.xa.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/12 19:26

## EAST Search History

S58	1	10/926480	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/12 19:26
S59	1116	(anchor or anchoring or anchored or insert or nut or fastener or plug or sleeve) with (expand\$5 or expans\$5) with (slot\$3 or slit\$3) same (serrat\$5 or tooth or teeth or rib or ribbing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 15:06
S60	442	(anchor or anchoring or anchored or insert or nut or fastener or plug or sleeve) with (expand\$5 or expans\$5) with (slot\$3 or slit\$3) with (serrat\$5 or tooth or teeth or rib or ribbing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 15:06
S61	713	(411/80.1,80.2,80.5,36,48,41). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 15:07
S62	18	S59 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/15 15:07
S63	15	("2259269"   "3434521").PN. OR ("3613497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 15:12
S64	30	(US-20030012618-\$).did. or (US-5205688-\$ or US-5246323-\$ or US-5702215-\$ or US-3921496-\$ or US-5476350-\$ or US-6679662-\$ or US-4840523-\$ or US-3832931-\$ or US-3522756-\$ or US-1751818-\$ or US-1234487-\$ or US-6164884-\$ or US-5725341-\$ or US-6896460-\$ or US-5380135-\$ or US-5690454-\$ or US-3316796-\$ or US-2918841-\$ or US-3942407-\$ or US-4269106-\$ or US-3802059-\$ or US-5603593-\$ or US-4871289-\$ or US-3815467-\$ or US-3613497-\$).did. or (US-2918841-\$).did. or (WO-7900847-\$ or GB-2001148-\$ or GB-2051995-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/15 15:16

## EAST Search History

S65	30	(US-20030012618-\$).did. or (US-3802059-\$ or US-1234487-\$ or US-1751818-\$ or US-3522756-\$ or US-4840523-\$ or US-5205688-\$ or US-5380135-\$ or US-5476350-\$ or US-5690454-\$ or US-5702215-\$ or US-5725341-\$ or US-6164884-\$ or US-6679662-\$ or US-3316796-\$ or US-3942407-\$ or US-6896460-\$ or US-2918841-\$ or US-4269106-\$ or US-5246323-\$ or US-3832931-\$ or US-3921496-\$).did. or (US-2918841-\$).did. or (GB-2051995-\$ or GB-2001148-\$ or WO-7900847-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/15 15:16
S66	4	S64 not S65	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/15 15:16
S67	713	(411/80.1,80.2,80.5,36,48,41). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:08
S68	0	("1and(slot\$4orslit\$4)withlengthwit h(differ\$4or(firstandsecond)orvaryo rvariedorvaryingorshort\$4orlong\$4) ").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 18:09
S69	19	S67 and (slot\$4 or slit\$4) with length with (differ\$4 or (first and second) or vary or varied or varying or short\$4 or long\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/15 18:15
S71	198	("1234487" "1751818" "2018251" "2918841" "20030012618" "3316796" "3522756" "3802059" "3832931" "3921496" "3942407" "4269106" "4840523" "5205688" "5205688" "5246323" "5246323" "5380135" "5380135" "5476350" "5690454" "5690454" "5702215" "5725341" "5725341" "6164884" "6679662" "6679662" "6896460").PN"	US-PGPUB; USPAT	OR	ON	2006/09/15 18:16
S72	192	("1234487" "1751818" "2018251" "2918841" "20030012618" "3316796" "3522756" "3802059" "3832931" "3921496" "3942407" "4269106" "4840523" "5205688" "5205688" "5246323" "5246323" "5380135" "5380135" "5476350" "5690454" "5690454" "5702215" "5725341" "5725341" "6164884" "6679662" "6679662" "6896460").PN"	USPAT	OR	ON	2006/09/15 18:16



## EAST Search History

S73	4	("3942407"   "4861206"   "6164884"   "6558094").PN. OR ("6837658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 18:29
S74	1	10/821860	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 18:29
S75	237	(411/80.1,).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:12
S76	2	("4760843").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:13
S77	2	("20020044848").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:13
S78	4	("3942407"   "4861206"   "6164884"   "6558094").PN. OR ("6837658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 19:15
S79	5	("3199398"   "3516324"   "4789285").PN. OR ("6158934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 19:17
S80	34	(US-20030012618-\$ or US-20050152767-\$ or US-20040202522-\$).did. or (US-5205688-\$ or US-5246323-\$ or US-5702215-\$ or US-3921496-\$ or US-5476350-\$ or US-6679662-\$ or US-4840523-\$ or US-3832931-\$ or US-3522756-\$ or US-1751818-\$ or US-1234487-\$ or US-6164884-\$ or US-5725341-\$ or US-6896460-\$ or US-5380135-\$ or US-5690454-\$ or US-3316796-\$ or US-2918841-\$ or US-3942407-\$ or US-4269106-\$ or US-3802059-\$ or US-5603593-\$ or US-4871289-\$ or US-3815467-\$ or US-3613497-\$ or US-6158934-\$).did. or (US-2918841-\$).did. or (WO-7900847-\$ or GB-2001148-\$ or GB-2051995-\$ or EP-110215-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/15 19:41
S81	16	"1871742"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/09/15 19:41

## EAST Search History

S82	1	("1871742").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:41
S83	1	("1871742").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:42
S84	0	("illinoiswithtoolwithworks.in.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/15 19:42
S85	1	illinois with tool with works.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/15 19:43
S86	8065	illinois with tool with works.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/15 19:43
S87	4268	illinois with tool with works.as.	EPO; DERWENT	OR	ON	2006/09/15 19:43
S88	693	S87 and @PD<"19840101"	EPO; DERWENT	OR	ON	2006/09/15 19:44